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# AMIGA USERS GROUP INC.

P.O. Box 684E Melbourne 3001, Victoria Australia.

## Who Are WE?

The Amiga Users Group is a not-for-profit association of people interested in the Amiga computer and related topics. We DO NOT condone software piracy. We can be reached via an answering machine at:

527 1995

## Membership

Membership of the Amiga Users Group is available for an annual fee of \$30. Membership forms are available from AUG and in this Journal. Send completed form with a cheque or money order for \$30 to the address above.

## Disk and Book Library

AUG has an extensive collection of Amiga Related Books, Magazines and Tapes. Disks from our Public Domain library are available for \$2 each on your own disks or for \$4 each on AUG supplied disks, which includes postage. Details of latest releases are printed in this Journal and a catalog disk is available.

## Member's Discounts

AUG negotiates discounts for its members on hardware, software and books. Currently, Technical Books in Swanston Street in the city offer AUG members 10% discount on computer related books, as does McGills in Elizabeth Street. Another World computer shop in Coburg, MVB Croydon and Computer Magic Moonee Ponds offer good deals while Maxwells of Abbotsford offer 10% off RRP on all software.

## The Bulletin Boards

The AUG operates Bulletin Boards devoted to the Amiga. They can be accessed 24 hours a day on the numbers listed below: Parameters should be set to 8 data bits, 1 stop bit and no parity.

AmigaLink-I = 792 3918  
Ratz = 553 0305

## Amiga Central

Line 1 (up to 2400) = 499 2798  
Line 2 (9600 and above) = 499 4908  
\*\*\*\*Note these new numbers\*\*\*\*

## CLUB EVENTS

For details of club events and meeting dates, check inside the back cover and the A.U.G. calendar on page 16.

An entry fee is charged by the groups to cover the cost of hall rental and light refreshments. Meeting times and directions are listed in the rear of the Journal.

## Back Issues of Workbench

All back issues of Amiga Workbench are now available, for \$2 each including postage. Back issues are also available at meetings.

## Workbench Contributions

Articles, papers, letters, drawings, cartoons and comments are actively sought for publication. Contributions may be sent in on disk, paper or uploaded to Amiga Central in the area set aside for this purpose. Please send your contribution in text-only, non-formatted if they are on file and remember to include your address for return of disks. Deadline for articles is the first week of the month preceding Publication. Contributions can be sent to: The Editor, AUG, PO Box 684E, Melbourne 3001.

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The Amiga Users Group accepts commercial advertising in Amiga Workbench subject to available space. Contact the Editor or Advertising Manager for rates and conditions.

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## A.U.G. Help-Network

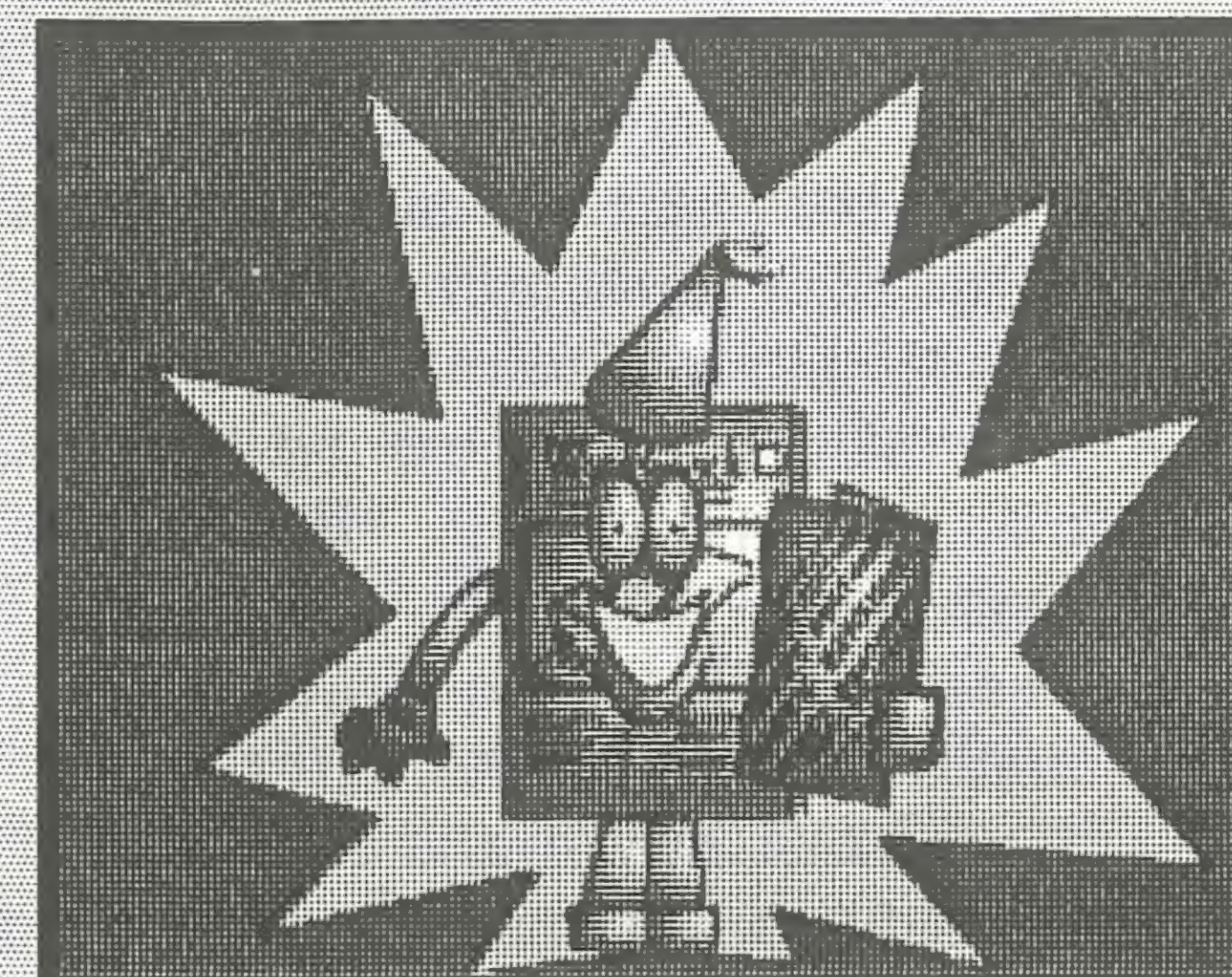
Here is a list of AUG members who have volunteered to share their knowledge/experiences with others. If you want to help and have your name listed here please contact the Editor. They are not listed in any order or priority. Please **keep contacts to reasonable hours** (6 - 9 pm unless otherwise noted) and remember the basis of this service - they are volunteers.

Introduction to the Amiga / Prowrite	Rudy Kohut	- 807 3911
Amiga Basic (Advanced)	John Elston	- 375 4142
Amiga; A/C & AMOS Basics	Bill Jordan	- 417 3521
C(Introductory), Professional Page	Mal Woods	- 888 8129
C (Advanced)-AZTEC	Andrew Gelme	- 645 1744
C (Advanced)-LATTICE, TeX	Eric Salter	- 853 8857
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Amiga Art	John Barlow	- 551 4760
Graphic Arts - DPaint, Sculpt, etc	Joe Santamaria	- 383 3509
Modula-2	Peter Evans	- 584 2765



# Workbench

Number 81 March 1993



Cover illustration by Nathan Mitchell

## Acknowledgments

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### Equipment

Amiga 2000  
Amiga 3000  
HP Laser printer

### Software

Pagestream 2.2

### Printers

KwikKopy Highett

# Seven years on...

*The Amiga Users Group is seven years old. It was formed in March/April 1986, by a small group of computer enthusiasts mostly associated with the MICOM computer club.*

*It was exciting times, the Amiga was very new, especially here in Australia and had captured the interest of many with its outstanding graphics and powerful multitasking operating system. Everyone was keen to find out more about the Amiga and the idea of a club dedicated to collecting information and providing help and common resources proved very popular and the membership grew quickly.*

*One of the most valued aspects of the group was the monthly newsletter initially compiled and edited by Peter Jetson, who had a strong part in getting the whole group going. There have been several editors of this newsletter since and next month John Rowley will take on the role but he will be only part of a team which manages to produce your club magazine each month. I welcome him to the group and wish him well. AUG has changed over the years and whether it continues to meet user requirements I guess is a bit like the Amiga itself - can it provide what the market wants? Please think about this if you haven't yet responded to the membership survey.*

*While there aren't any birthday celebrations planned at this stage there is an opportunity to celebrate with an Amiga EXPO to be held in Melbourne at the Malvern Town Hall on March 28th. AUG will be there so call in and say hello while you peek at the latest model Amigas and a wide range of products from various suppliers. Perhaps you can persuade that friend to come, the one we all know who hasn't yet decided the Amiga is the machine to buy.*

*Happy Birthday!*

**Lester McClure**



# ProWrite V3.3

## - The Latest in Word Processing.

by Rudy Kobut

**PROWRITE IS a popular word processing package for the Amiga. The latest release offers many new features such as print preview, text flow around graphics, support for Pagestream Hotlinks and more.**

The latest incarnation of this popular word processing package comes on three disks: one with the program, small dictionary (50,000 words), thesaurus, PostScript Prep file, and sample macro files; one with fonts, system libraries and printer drivers; and one with a big dictionary (over 100,000 words), sample documents, a file conversion program and an install program. The version I received also included a demo of New Horizons *Flow* program (an "outline" processor).

Since I was upgrading, I also received the 44 page "Supplement" to the manual which itself is almost 200 pages long. Interestingly, the 3.1 "Supplement" was only 7 pages long, and the 3.2 "Supplement" was only 28 pages long. However, be warned, version 3.3 actually makes some changes to the previous changes so it is not so straightforward. In fact the changes are now so profound compared to version 3.0 I feel that the next version should be version 4.0 with a new integrated manual!

*ProWrite*, in my experience, has been and still is an excellent program for people new to word processing based on its ease of use

*Once again, Rudy provides an insight into the latest release of Amiga productivity software.*

and clear command structure. New Horizons has been polishing this program for years and it has few surprises for the unwary. It is remarkably stable in a multi-tasking environment; it has an "undo" command if the user presses the wrong keys, or if things get really out of hand, a "revert" command to start all over again; the user can have backups made automatically and/or to save work in progress at user def-

Version Reviewed: 3.3.1UK

Author: New Horizons Software Inc.,  
Austin, Texas, USA

System Requirements: KickStart 1.2 or later,  
1 Meg Ram, 2 disk drives  
(KickStart 2.x & Hard Drive highly  
recommended)

Reviewed On: Amiga 500(Standard 68000 cpu),  
1Meg CHIP Ram, 2 Megs Fast Ram,  
AmigaDos 2.04,  
GVP Impact A500+ Hard Drive

ined intervals; the program makes extensive use of requesters to confirm actions or to notify the user of possible problems. Of course, the program is not totally "fail safe" but as close as you can come while still allowing the user some individuality!

The variety of mouse/key combinations is important in allowing the user to choose the ones most efficient from a personal

productivity perspective. *ProWrite* makes extensive use of the Amiga's menu/sub-menu capability using the right mouse button. Many of the important menu items are also accessed directly from the keyboard using mostly 'Right-Amiga' plus "key" combinations (eg. Rt-Amiga plus 'x' to cut a selection). Other keyboard shortcuts are available for some functions using the 'Alt' and 'Shift' keys. The ten function keys are also mapped to certain commands (eg. F1 = New Document), while the mouse used by itself or with certain keys performs useful editing tricks. All requesters now have keyboard shortcuts for buttons (eg. pressing 'Y' will be equivalent to clicking a "yes" button with the mouse).

The working area is also clean and clear to understand for the novice. The program opens an "untitled" window using defaults which can be altered by the user for most settings. At the top of the window is a horizontal ruler which marks off the printable page area based on the page size selected and the printer driver. It contains the standard margin and indent markers as well as any tab markers the user wishes to insert. Four types of tabs

are available: left, right, centred and decimal. The tab markers are visible on an 'icon strip' under the ruler. To set a tab just click on one of the four tab types wanted, then click on the ruler in the spot you want the tab to be. To delete a tab, select the tab marker on the ruler and drag it off - simple. The 'icon strip' also contains paragraph icons for alignment and spacing. New in

version 3.3 is the addition of a vertical ruler on the left side of the window - as with the horizontal ruler they are turned on and off from the menu. Along the bottom and right sides of the window are vertical and horizontal scroll bars and arrows to assist in moving around a document using the mouse. A page number indicator is at the bottom left which, if clicked on, will present a "GO TO PAGE" requester; it also ►

indicates the page being printed at print time. At the very left bottom are two arrows for going up or down a page at a time when clicked on. "Page Guides" (which are thin dotted lines) can be shown to indicate the printable page area excluding headers and footers. Page separations are indicated by a solid thick coloured line.

The clean interface is assisted by the generally logical layout of commands in the menu accessed with the right mouse button. Starting from the left the user is presented with the Project, Edit, Search, Format, Document, View and Macro menus. Some minor rearrangement and name changes have occurred from version 3.0 - for example the Sort sub-menu is now under the Edit menu instead of the Document menu. The changes have seemed logical and clarify functions.

From any users point of view, after simplicity comes the need to have the program perform vital functions satisfactorily. For a word processor, what are those "vital functions"?

First must be to assist the user in laying out the words on the (screen) page easily, including easy editing of spelling and layout. Having used a variety of word

processing programs on IBM and Macintosh systems, *ProWrite* seems very adept at this aspect. Typing speed even on a basic Amiga system is fast; although I'm not a fast typist, I have done pseudo typing to see if I could outrun the program and I can't! The cut/ copy/paste functions are fast - version 3.3 now uses the 'System Clipboard' for easy interchange of text and pictures with other applications. Paragraph styles and formats can be created and transferred from one paragraph to another with ease. The spelling checker is just a menu selection away as is the Thesaurus. While there is no built-in grammar checker, the program does keep track of vital document statistics including average word and sentence length, and grade level readability.

The program offers standard Find/Replace functions as well as the ability to Sort paragraphs. There are five page number formats, two time formats and six date formats to choose from and inserting any of

these is a mouse click away. You can also insert "literals" (any character from the Amiga character set supported by the printer driver). A nice touch in version 3.3 is that the requesters for inserting literals, finding, changing, spelling and thesaurus are now draggable and the user can leave them open while continuing to work on the main document.

Layout is affected by font selection. *ProWrite* comes with "Pica", "Elite" and "System" fonts (in normal, condensed and ultra-condensed) which match most closely the built-in fonts of most printers of any description and can be used in "Draft" or "NLQ" printing modes to give the best match between screen presentation and paper. For 9-pin dot matrix printers particularly, these fonts give excellent results. Two fonts are included for use on dot-matrix printers when using "Normal" or "High Quality" printout - "Marble" and "Granite". Of course, these fonts

*an excellent program for people new to word processing*

can also be used on higher quality printers such as a bubble-jet or a laser. *New Horizons* includes Times, Helvetica, Courier and Symbol fonts for use particularly on PostScript compatible printers. While the fonts supplied are not extensive, they meet the needs of most users adequately. More fonts can be added to the user's system and *ProWrite* will access all of them (over 32,000 according to the manual!). The user can access 18 fonts (user determined) immediately through the menu or all fonts through a font requester. Any number of fonts can be mixed in a document (although this is definitely not recommended from a reader's viewpoint!). *ProWrite* 3.3 can now scale any font to any size so the user is not restricted to the font sizes installed on the computer. Under AmigaDos 2.04, the best results are achieved when using the *Compugraphic* outline font system; otherwise, *ProWrite* will scale an existing font. Under AmigaDos 1.2

or 1.3, *ProWrite* will use the closest smaller font size.

After arriving at the best layout, the user will want to see a good printout. The *ProWrite* manual devotes considerable space to printing considerations, not only in the manual proper but also in an appendix. The "Supplement" also devotes more space to printing because *New Horizons* have added more features since version 3.0, in particular PostScript and High Quality print modes and the Print Preview function. There are numerous options to set and different configurations of printer, printer driver, font and print mode to ponder over. Options (for all except PostScript) include whether or not to: Print Pictures with the text; use Optimal Spacing for fonts that don't give the right spacing on the printer; print back to front; enlarge or reduce the printout by a specified percentage; use smoothing to give cleaner characters; set the print density higher or lower for better

quality or faster printouts; and use "Aspect Adjusted" to compensate for screen distortion in some modes.

Options for the PostScript mode include: choosing the printer port or defining a file to print to; selecting either "Gray Scale" or "Colour" output; deciding whether "Faster Picture Printing" should be on or off; and choosing to include or not include an end of file marker.

Some of the selections are a tradeoff between quality and speed of printing. The choices, although thoroughly explained, are a bit intimidating even for an experienced user. New Horizons would do well to include sample settings for common printers at various levels of quality. The speed of the program in producing High Quality output on a dot matrix printer is very slow. *Final Copy II* advertises fast printing in similar modes although that program only uses proprietary fonts, which may explain its speed. While *ProWrite*'s print speed could be enhanced, there are also some problems in getting "jaggie-free" print in High Quality mode on a dot matrix printer. The results vary depending on the font being used, the quality of the printer and the printer driver. ►



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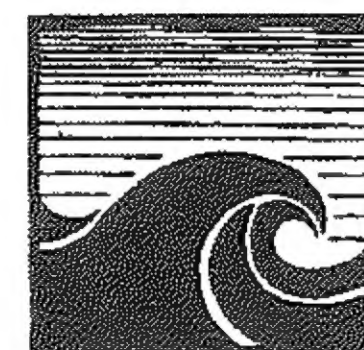
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To get more variety into a document, *ProWrite* allows the user to choose snaking or side-by-side columns (up to 5). The default is snaking, 1 column wide. The user can also add headers or footers (but not footnotes), set an extra wide binding margin and declare the first page a "title" page. The user can have different coloured text as well as colour pictures - the number of colours on screen depends on which Amiga you own (up to 256 colours on the latest models). Pictures are easily imported into a document and *ProWrite* 3.3 has extensively upgraded its handling of pictures so that the original picture information is retained for printing no matter what appears on screen. Picture text wrap is now a feature and scaling of pictures is handled intelligently, with the user able to define the scale in one percentage increments. Pictures can be printed in 8, 64 or 4096 colours. Other enhancements include new commands for naming and finding pictures in a document as well as arranging pictures that overlap.

There is more to *ProWrite* than meets the eye! The Macro command capability of this program is outstanding, using as it does the *AREXX* interface (*AREXX* needs to be

see  
Page 12  
Ballet Engraved  
Fantastic  
Fonts

running on your computer to use the Macro facility). *ProWrite* commands echo virtually all the commands available from the keyboard and menus and then adds some more. There are more than 180 *ProWrite* specific commands available through Macros. While the drawback is a need to learn about *AREXX*, the power then available is worth the time and trouble. (Many Macros can be written with only a passing glance at *AREXX* so don't be put off). *New Horizons* should consider, however, having a Macro recording facility to assist first time users. With the Macro facility some functions can be automated (such as moving the Dictionary to Ram: for faster spell checks) and new functions added (such as being able to create a Table of Contents for a document). The user can open and use other programs by executing a *ProWrite* Macro that invokes *AREXX* commands. On startup, *ProWrite* will execute a file called "ProWrite Startup" if it exists; this is

a Macro file which the user can create.

In addition to Macros, *ProWrite* 3.3 introduces a connection to *HotLinks* which is a dynamic data exchange system developed by *Soft-Logik Publishing Corp.*, the makers of *PageStream*. Similar to cut and paste operations with the system clipboard, *HotLinks* (a separate program that you have to purchase) maintains a dynamic link between files used by more than one program. For example, if *ProWrite* is used to create ("publish") a document that is used by a page layout program such as *PageStream* (which "subscribes" to the *ProWrite* "edition"), the document can be changed by either program and the changes will automatically be transferred to the original file.

*ProWrite* is one of the most user-configurable programs on the market and the nice thing is that the user can establish any number of configurations and save them to special "setting" files which can be loaded as needed. One can choose different screen/window colours and *ProWrite* will "intelligently" remap colours to ensure the requesters/menus stay readable. In version 3.3, there is a separate selection for the "paper" colour ie. the main colour on which one types. The user can choose metric or imperial measurement units as a preference and the rulers can display inches, cm, P10 (10 cpi pitch), P12 (12 cpi pitch), pica or points. There are many more options to make the work environment fit the needs of the user.

## A Better Buy?

All in all *ProWrite* is a solid performer in the medium price range of word processors. Compared to the "mainstream" commercial giants, *ProWrite* is good value especially considering the price difference. Compared to *Kind Words*, *Wordsworth* and *Pen Pal*, it is a better buy. Compared to *excellence!* v3.0 and *FinalCopy II*, it has strengths and weaknesses which only the user can evaluate from experience or by reading reviews.

## So what is missing? I have a wish list as follows...

I would like to see two-way conversion of foreign file formats. *New Horizons* include a *Convert* program (version 2.0) which supports *BeckerText*, *excellence!*, *Final Copy*, *Kind Words*, *Pen Pal*, *RTF* (a Microsoft Word interchange format), *Scribble!*, *Textcraft*, *Textcraft Plus*, *TextPro*, and *WordPerfect* file conversions. The files are converted to *ProWrite* v3.2 format but not the other way. Missing from the conversion routines are ascii text formats for *IBM*, *Unix* and *Macintosh* as well as some popular word processing formats in the "mainstream" commercial world.

The Print Preview feature now in version 3.3 is inadequate because it doesn't display two pages side by side, which is necessary to see how the text 'flows' from page to page. The presentation is also totally unreadable on less than a high resolution interlace or "productivity" screen.

*ProWrite* should also include simple drawing tools to enable lines, boxes and other graphics to be created over, under and around selected text.

Incredibly, *ProWrite* still doesn't support footnotes, a glossary, table of index or table of contents. While these can be added using the Macro capability, there is no excuse for not having them integrated into the main program.

Less importantly, I would like to be able to Find/Change invisible characters (ie. those which are in the document but don't print). I would also like to be able to use different column formats in the one document ie. to mix snaking with side-by-side columns. Having multiple "views" on the one document would also be a pleasant feature to have.



# ToolManager 2.0

by Jeff Kirkland

**A**T A RECENT North-West AUG meeting, I happened to see a really great PD menu/shortcut program for Workbench 2.0 called ToolManager. Immediately got hold of a copy and rushed home to check it out. My first impression was that the program is big! It's over 500k in its compressed state and unpacks to almost a megabyte. The package consists of the ToolManager program, ToolsPrefs program, documentation file, a library file and a whole lot of example Icons for use by the program.

ToolManager 2.0 takes the idea of adding shortcuts to the Workbench 2.0 Tools menu one step further than other similar programs. It allows the user to add tools to the Tools menu and also to add AppIcons to the Workbench screen and create either text or icon based docks for launching programs.

Installing ToolManager is simply a matter of copying the library file into your LIBS: directory and then placing the program file into your

WBStartup drawer. Put the ToolsPrefs program into your Prefs drawer and that's it.

Once the program is started, you have to set it up using ToolsPrefs. This can be a little complicated but that's to be expected in a program that offers so many options.

The first step is to edit ToolManager's Exec list. This is where it learns about the programs it can run. A quick way to do this is to drag your application's icon and

drop it onto the ToolManager screen. This will automatically enter most of the details for you.

After ToolManager has a list of applications to run you can move on to editing the Graphics and Sounds lists. The Pictures list is used to add either Icons to Workbench or Graphics into the Docks that you set up. These are optional. Sounds can be attached to any Docks, Icons or Menu items you create. Docks can be set to be available at startup or pop up with a hot key.

For a program that does so much, it's quite efficient memory-wise. I'd previously been using ToolsDaemon 2.0c and upgrading to ToolManager's extra features only costs an extra 5k or so of RAM. At 40k it is feasible to have it installed even on one megabyte machines.

In use ToolManager 2.0 is great and I've had no problems over the last few weeks of use with a menu and two hot-keyed docks set up. All in all an outstanding piece of software.

ToolManager can be found on Fred Fish Disk #752.

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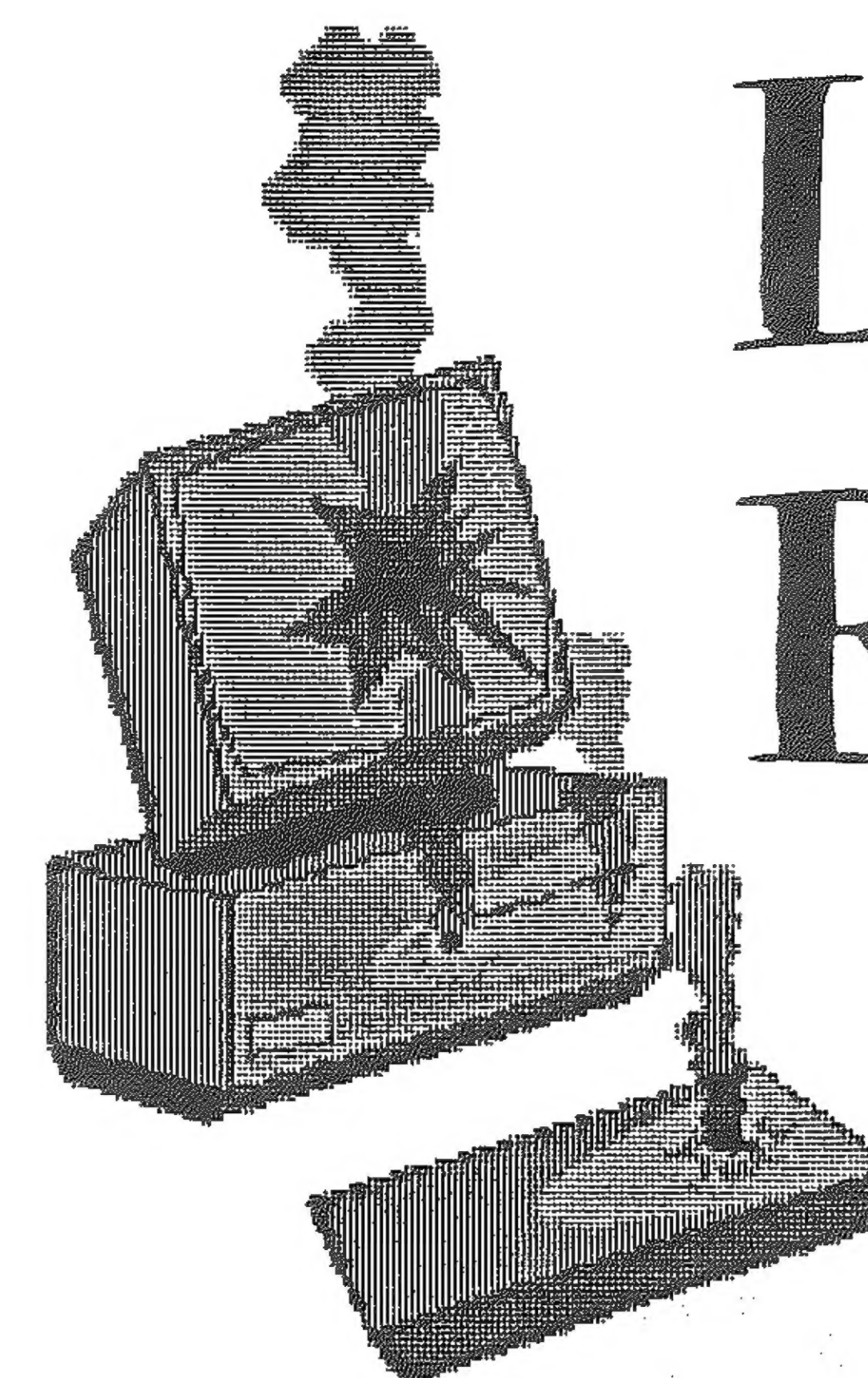
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# Last Resort

collated by Frank Lowe

## What's in the A1200?

The A1200 is an Amiga newly released in the UK and now available in Australia. The hardware it boasts consists of a 68020 and the new AGA chip set. The 68020 used is a slightly diminished version of the current 68020, only able to access 16 meg of ram. What's a 68020? It's Motorola's 32 bit external bus micro processor which increases speed and bus bandwidth over the 68000, and allows access to the AGA chip set. 2 meg of chip ram and an IDE hard drive interface are also included. An IDE drive comes with the A1200HD version. A maths coprocessor (68881), is not included, though it would be necessary for some programs to function at their peak.

The A1200 looks like the A600 with a numerical key pad attached to the right. A trapdoor expansion area lets expansion on the 32bit bus, allowing up to 4meg of 32 bit ram. A 3rd party board has been released, containing a 68881 or 68882 and a possible 8Meg of ram. There seems to be a discrepancy regarding the 32 bit ram expansion, so they may be performing some hardware tricks for the other 4meg. An internal clock is not a standard feature in the A1200 and would mostly be implemented on trapdoor boards. The new card slot, as on the A600, can use any industry standard card, ie. memory expansion. This will only allow 16 bit fast ram type expansion which is not as fast as 32 bit ram.

Workbench 3.0 kickstart comes installed and is the only non surface mount integrated circuit on the mother board. WB 3.0 is similar to the new WB2.1 with the added AGA interface.

So do you want a machine with more pep than a 68000, 262,144 colours from a palette of 16,777,216 up to and including super hires, a 256 colours Workbench, the latest operating system and the best, affordable, fantastic computer to be released by Commodore? Check out the A1200, available at a dealer near you now.

Frank Lowe

**T**HE HELP PAGE is here to pass on information to all Amiga owners, from pure beginners (How do I reset my Amiga without switching it off?) to the person who codes operating systems for a living (what kind of question is someone like that going to come up with?). Please send your questions, or solutions to problems you have experienced, to Frank Lowe, through Amiga Central BBS or via the club mailing address.

Questions can be on any Amiga topic - hardware, software or how to get the best from such & such a program and what do those unfamiliar terms used really mean?

This is not intended as a substitute for reading the manuals first but please write if you are having problems, we will find someone in AUG who can answer your question and publish it here for the benefit of all.

## How do you transfer programs between an Amiga and PC clones serial ports?

There is a public domain program available to do this called TwinCom. Software is installed on the Amiga and PC, giving a CLI style interface between the two. Using its commands you can perform directory maintenance and file transfers.

Another way would be to use communication programs on the two machines to transfer files. As you would via a modem, between a user and a BBS.

Frank Lowe

## It's the little things that matter!

Anyone who knows me and has an Amiga will probably know that I've been having problems trying to get a custom Ram\_Disk icon to appear. The problem was, that while editing the startup sequence to copy Ram.Disk (my custom icon) and then renaming it Ram\_Disk.info should have worked, it only copied the icon into the ramdrive, where it would glare at me as soon as I opened Ram.

At the recent disk copying session I again explained my problem to every willing ear and finally had the problem solved. "Have you made sure that the icon is a disk icon?" Oops! A quick drag into IconEdit, change the icon type and hey-presto the sheep finally eats grass when I want to access Ram!

Eric Fillisch



# Getting to know AmigaDOS

by Jeff Kirkland

**T**his month we begin to look at how to customize your Amiga boot disk by examining some of the AmigaDOS commands which can be used to change the Startup-Sequence.

## Part 5

We've seen that the ASSIGN command can be a very useful thing, but to be really useful we need to make the assigns appear every time we boot the machine. To do that we add them to the startup-sequence.

When you first start up your Amiga the DOS looks for a file in the S: directory called 'startup-sequence'. This file contains a script that is executed by the DOS. This script can contain many useful commands for running background programs and setting up the system. This allows the end user to customize their Amiga's operating environment to suit their own tastes.

Let's look at a typical startup sequence and a new command. To look at a text file from the CLI we can use the TYPE command. It's format is

```
'TYPE <path/filename><CR>'
```

At the CLI enter

```
TYPE s:startup-sequence<CR>
```

There's really no such thing as a standard startup script but you should see something similar to listing of my startup-sequence.

```
----- SET UP -----
failat 21
SetPatch > NIL:
----- SYSTEM STUFF -----
copy >nil: ENVARC: ram:env all
quiet noreq
assign >nil: ENV: ram:env
mkdir ram:t
assign >nil: t: ram:t
Iprefs
----- MY STUFF -----
Assign >nil: APPS: WORK:Apps
Assign >nil: MAIL:
work:apps/mail
path sys:system sys:rexxc
sys:prefs
----- FINISH UP -----
LoadWB
endcli
```

If the list scrolls off the screen enter the command again and this time press the space bar to pause it. Press the backspace key '<-->' to start the listing up again.

The type command has a few other options that can occasionally be useful. It's possible to use the TO option to send the listing to somewhere other than the screen. e.g.

```
TYPE s:startup-sequence TO PRT:
```

will send the listing of your startup-sequence to your printer. (PRT: is the device name for your printer.) If you were to substitute a filename for the PRT: part, your listing would be stored in an ASCII file that could then be loaded into a word processor and edited.

Customizing the startup-sequence can make your Amiga much more efficient. If you're booting from a floppy will you want to make it as small as possible to cut down boot time. If you're using a hard drive then adding assigns and PATH commands will be necessary to get many programs to run. Over the next couple of issues I'll take a quick look at editing and customizing the startup.

Let's start by making a backup copy of the startup-sequence. Whenever you make changes to any sort of script file it's almost essential that you create some type of spare copy, just in case. To do this we use the COPY command.

```
COPY s:startup-sequence TO
s:startup.bak
```

This will create a spare copy of the original startup-sequence. As COPY is one of the most used CLI commands, it's worth taking time out to take a look at what it can do.

```
COPY <sourcefile> TO
<destinationfile> ALL QUIET
NOREQ<CR>
```

is the basic format of the command. The TO is optional. i.e.

```
COPY s:startup-sequence
s:startup.bak
```

will also work. The options following the command are:

QUIET - tells COPY not to list each file it copies onto the screen.

ALL - copies the complete directory, including any subdirectories to the destination.

NOREQ - tells copy not to display a requester if something goes wrong. This is mostly used in scripts where you don't want the script to be interrupted by an error.

All these options can be used together as in

```
COPY df0:test RAM: ALL QUIET
```

Another little trick that I learned only recently (thanks Alex!) is that if the source directory is enclosed in brackets it will be created in the destination directory. i.e.

```
COPY DH0:test RAM: ALL<CR>
will copy the contents of the
directory test to RAM:
```

```
COPY DH0:(test) RAM: ALL<CR>
will create a directory 'test' in RAM:
and then copy all the files into it.
```

Back to the startup-sequence. Now that we have a copy (and we can TYPE it to check that it's ok) we need to edit the file itself. The Amiga comes with a program called ED, which is fine for editing small files like this.

At the CLI, type

```
ED s:startup-sequence<CR>
and the editor will load with the
startup file in memory ready change.
```

You can move around the editor with the cursor keys (and the mouse if you have the 2.x version). There are quite a few commands available in ED but for practical purposes you only need to remember three. ▶

```
<ESC><x>
```

i.e. pressing the <ESC> key then the <x> key will save all your changes and exit ED.

```
<ESC><q>
```

will quit without saving the changes. If you have made any changes to the file, you will be reminded that the changes will be lost.

```
CTRL><b>
```

deletes the line that the cursor is on.

That's it. There are other commands for deleting parts of lines and parts of pages and so on but I find it easier to just cursor around and make the changes than it is to remember a whole heap of obscure commands.

Once Ed's up and running, it's just a matter of making the changes that you need to and then saving the file with <ESC><x>. Once that's done, reboot the machine to test your changes. If there's a disaster and it doesn't work you can rest easy in the knowledge that if worst comes to worst, you can COPY the backup file back where it came from and no harm done.

That's it for this time. Next month we start to take a detailed look at the common commands that appear in startup-sequences.

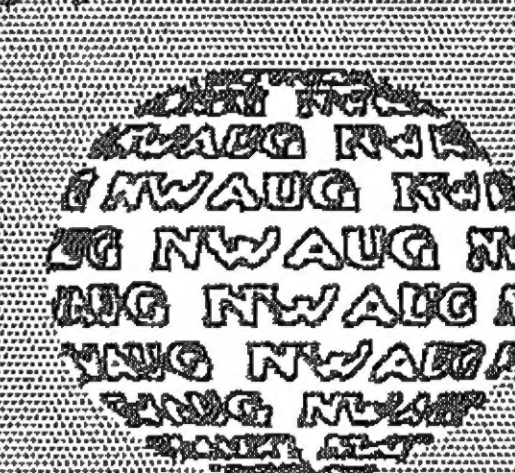
**N**WAUG met for the first time this year on the 8th of FEB. This has put the meeting dates out by a week compared to last year. Check the Workbench Calendar page or Amiga Central for the dates. We had a great demo of Art Expressions, the new structured drawing program from SoftLogik. Also demonstrated (by ComputaMagic) was Vidi Amiga 12, a 12 bit frame digitizer. We had Another World Computer Centre supporting the group and selling to members. The club's new A570 was on show doing the Fish disks and PD software. This was made possible from the sale of the old A1000 and the auction we had before Christmas, thank you all who attended. There were some great bargains to be picked up which including software and hardware. There were about 10 terminals that went out for \$10. (AmigaDOS will let you have a remote terminal connected to the serial port to control, or get feedback for tasks). The meeting of the 22nd showed everyone CDTV in operation. ParNET was used to show how easy it is to control the CDTV, and the

data it can access, via an Amiga communicating on the parallel ports. Using ParNET seems to be the best and most compatible way to have access to CD data, it may not be as fast as SCSI but is reliable. For those who, as yet, do not realize the amount of data that is available on one CD, one application would need 80 floppy disks to store the same data. Next was an A3000/040 hooked up to an A1200 via ParNET. This awesome duo will give you power and access to the speed and

colours of the new A G A chipset. This is another practical example of how your current system can be integrated to access the new features in Commodore's latest models.

The speed of the new graphics were displayed which favoured the A1200. The A3000 still out weighs the A1200 in raw processing power though. We didn't have enough time to cover all the items we had planned, but will get back to them at a later date. If you have something you would like to see or demonstrate please get in contact with a committee member to get things organized.

**NWAUG**



Co-ordinator - Rohan Safstrom

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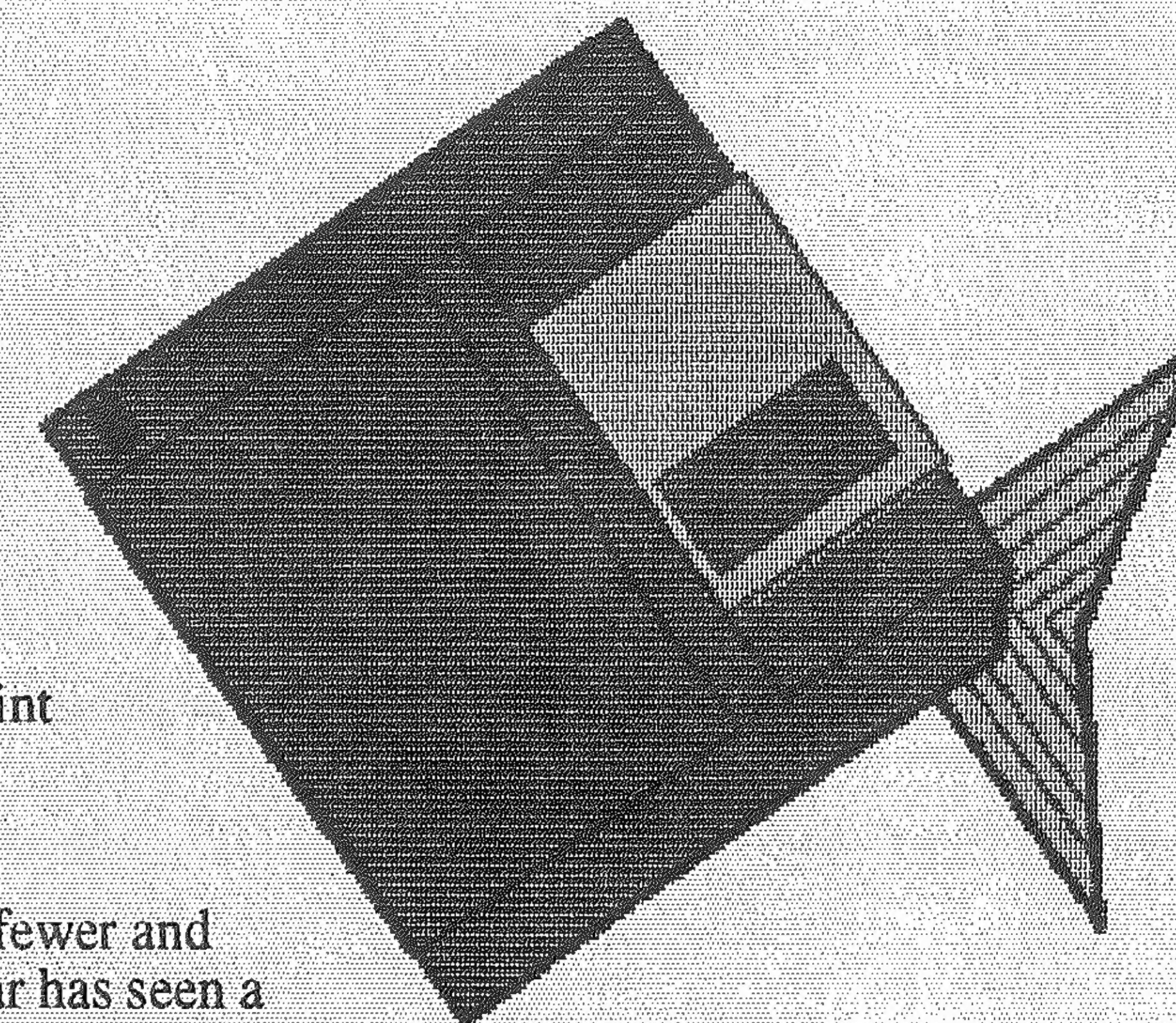
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The examples shown on this page have been printed directly from Pagestream and represent only a small sample of what is available. They should also work with other publishing packages.

There are more than 60 different fonts in the set and are classified as 'freely distributable'. However many fonts have conditions set by the copyright owners regarding their use, these are explained in the accompanying documentation files. Please abide by the conditions should you decide to use any of these fonts.

## ENDANGERED SPECIES



Last month we gave an explanation of the FISH collection and the effort put in by Fred Fish to establish and continue his excellent collection of Public Domain Amiga software. At the time the article was going to print the following message appeared on Amiga bulletin boards.

Forwarded from message by Fred Fish->

Over the last couple of years, I've noticed a trend where fewer and fewer people are on my direct subscriber list. This last year has seen a particularly sharp decrease, from about an average of 75 subscribers to the current low of 41. That's right, there are only 41 people or organizations in the whole world that receive disks directly from me as of Jan 17, 1993, with about half of them being outside the United States. During this last year, the amount of time I have had available to spend constructing disks, doing accounting, and otherwise managing the library has also dropped sharply, so that more than ever I depend upon using outside help for things like presorting the submitted material, creating prototype disks which I then use for constructing the final disks, and doing the actual duplication, packaging, and shipping of the disks. I cannot expect these people to work for nothing, so I have been paying them reasonable compensation for their time out of the ever dwindling subscription income. It has reached the point where sometime in the next month or two I will make a decision about whether or not to shut down the library, since if there are insufficient incoming funds to meet the operating costs as well as pay for an occasional perk like a trip to an Amiga show once or twice a year, or some new hardware toy, there is little incentive to continue spending 20-30 hours a month running it. If you are in a position to influence a club, computer store, or other Amiga related organization to maintain a direct subscription for new disks, and thus help fund continued maintenance of the library, and are interested in seeing the library continue to grow, I'd urge you to consider doing what you can to help push the number of direct subscribers back up to more reasonable levels.

Thanks.

-Fred

Fred Fish, 1835 E. Belmont Drive, Tempe, AZ 85284, USA

We ask that you consider the significance of this statement; the AUG committee supports Fred in his request for direct subscriptions, perhaps you can too. He can be contacted at the address shown on the end of his message, direct subscription comes to about \$6 (Aust.) per disk including postage.

### PUBLIC DOMAIN SOFTWARE ORDER FORM

Mail to: Amiga Users Group, PO Box 684E, Melbourne 3001, Victoria

Disk Numbers									
Dont forget to specify collection name i.e., FISH, AMIGAN, AMICUS etc.									
Disks supplied by the Amiga Users Group @ \$4 each								\$	
Disks supplied by member @ \$2 each								\$	
Club Use Only:								Total: \$	
Member's Name:								Membership #	
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## FISH DISK #781

### PowerSnap

A utility that allows you to use the mouse to mark characters anywhere on the screen, and then paste them somewhere else, such as in another CLI or in a string gadget. Checks what font is used in the window you snap from and will look for the position of the characters automatically. Recognizes all non-proportional fonts of up to 24 pixels wide and of any height. Works with AmigaDOS 2.0 in both shell and WorkBench environments. This is version 2.1b, an update to version 2.0 on disk 726. Binary only.  
Author: Nico Francois

### TKEd

TKEd is a very comfortable Intuition-based ASCII editor with an English and German user-interface. It can read texts packed with PowerPacker, has user-definable menus, a comfortable AREXX interface with 109 commands, an interface to some error tools for programmers, macros, undo, wordwrap, supports foldings, has an online help mode, and many other features. TKEd is re-entrant and can be made resident. Kickstart 1.3/2.04 compatible, supports the new ECS-screenmodes, an application window and checks itself for link viruses. Version 1.11, an update to version 1.05 on disk #689. Binary only.  
Author: Tom Kroener

### TWA

A commodity that remembers the last active window on any screen. If screens are shuffled, the window is automatically re-activated, when that screen is brought to front. Version 1.0, binary only.  
Author: Matthias Scheler

### WBVerlauf

Allows the owners of AGA machines to create a nice Copper background for a selectable color, using the whole 16 million color range of the AGA chips. By specifying the color of the first and the last line of the screen, WBVerlauf will make a smooth color change by setting a new color value on every scanline. Requires Kickstart 3.0. Version 1.4, binary only.  
Author: Christian A. Weber

## FISH DISK #782

### DFA

NOT just another address utility. DFA(dress) features email support, dialing, different types of printing addresses, full commodity support, application icon, AREXX port, font sensitive windows and can be fully directed by the keyboard. This is version 1.1. Shareware, binary only.  
Author: Dirk Federlein

### TwilightZone

A modular screen blanker with a user-friendly control panel. Provides: Selection of blanker module from an expandable list of modules; A "blank-now" feature by moving the mouse pointer into a corner of the screen; A "blank-never" option by moving the mouse pointer into a corner of the screen; Adjustable timeout, and selectable wakeup events. Version 1.1/2.0, binary only.  
Author: Rainer Koppler



### ValCon

Converts a value from one number notation system to another. Currently the decimal, hexadecimal, binary and octal systems are supported. Version 1.10, freeware, binary only.  
Author: Chris Vandierendonck

### Yak

"Yet Another Kommodity". Features a sunmouse that only activates when mouse stops, KeyActivate windows, Click windows to front or back, Cycle screens with mouse, Mouse and Screen blanking, Close/Zip/Shrink/Enlarge windows with programmable hotkeys, Activate Workbench by hotkey (to get at menus when WB obscured), Pop up a palette on front screen, Insert date (in various formats), KeyClick with adjustable volume, PopCommand key for starting a command (like PopCLI), Gadtools interface. All settings accessible from Workbench tooltypes. Version 1.2, an update to version 1.0 on disk #753, has some new features and several bug fixes. Includes source.  
Author: Martin W. Scott

## FISH DISK #783

### APipe

An "Amiga pipe" device. If opened for read, it will run the file name as an Amiga CLI command, with the output going to the opening process. If opened for output, it will run the file name as an Amiga CLI command, with output to the opened file sent to the command as input. Version 37.4, an update to version 37.2 on disk #601.  
Author: Per Bojsen

### DiskInfo

A program like the AmigaDOS 'Info' command, but it gives more extensive information on the disk (volume) and/or on the device requested. Version 1.00, freeware, binary only.  
Author: Chris Vandierendonck

### Hackdisk

A complete replacement for trackdisk.device minus support for 5.25 inch and 150RPM floppies. It offers a verify option and is faster than trackdisk 2.0. Hackdisk is supplied as a Rom-Tag module and may be RamKick'ed or placed directly in the Kickstart ROM. Free for non-commercial use, assembly source included. This is version 1.12, an update to version 1.10 on disk #697.  
Author: Dan Babcock

### KingFisher

A specialized database tool providing maintenance and search capabilities for the descriptions of disks in the format used by this library. KingFisher's database can span multiple (floppy) disk volumes, can be edited by text editors that support long text lines, can add disks directly from unedited email or usenet announcements, can remove disks, rebuild a damaged index, find next or previous software versions, print or export (parts of) the database, and more. Includes a data-base of disks 1-770. This is version 1.11. Binary only.  
Author: Udo Schuermann

## FISH DISK #784

### BindNames

A solution to the problem of having to continually edit your startup-sequence to add assignments for logical variables when you add a new program. BindNames will read one or more files in a special directory and then create all the logical assignments at once and it can figure out dependencies, so it doesn't matter how you order the entries in the file(s). It will create directories that it can't find, such as RAM:Env and RAM:T and will generate warnings for assignments that it can't resolve. Version 1.0, includes source, public domain.  
Author: Dave Haynie

### DirKing

A very powerful replacement for the AmigaDOS 'List' and 'Dir' commands. It gives full control on the format of the directory listing and what information should be printed. The directory can be sorted on any field, or on several fields in the order you want. Supports many filters, such as name and date, and the filters can be made effective on files only, directories only or on both. You can also define a pattern for each level of the directory tree. Has an LFORMAT option which is useful for generating scripts. A unique feature is the ability to monitor the scanning process. English version supplied, German, French and Dutch versions available from the author. Version 2.10, shareware, binary only.  
Author: Chris Vandierendonck

### Lyapunovia

A mindbogglingly colorful program that makes pictures from a simple mathematical formula. (And it's NOT Mandelbrot!) Lyapunovia pictures vary from colorful candy to mean metal (or

something), offering you everything you ever wanted in visual representation of abstract nothings... This freely redistributable version of Lyapunovia has been thoroughly tested to work on all Amigas. Special registered versions with precision-extension, optimized for bigger CPUs, and support of WB 2.0/2.1 and WB 3.0 displaymodes (all 256 colors) are available. Version 1.0, binary only.  
Author: Jesper Juul

## FISH DISK #785

### FileStorage

Small demo of a file librarian, a database for files. The database exists as a number of index files and disks where FileStorage puts your collection of files. FileStorage 'remembers' how many free bytes each storage disk has and tries to fill the disks to the maximum. For each file you can add a 320 character long description and set 16 different (user definable) filetypes. Searching / adding / deleting / changing it's all there! Version 1.2, binary only.  
Author: Joep Grooten

### RomCon

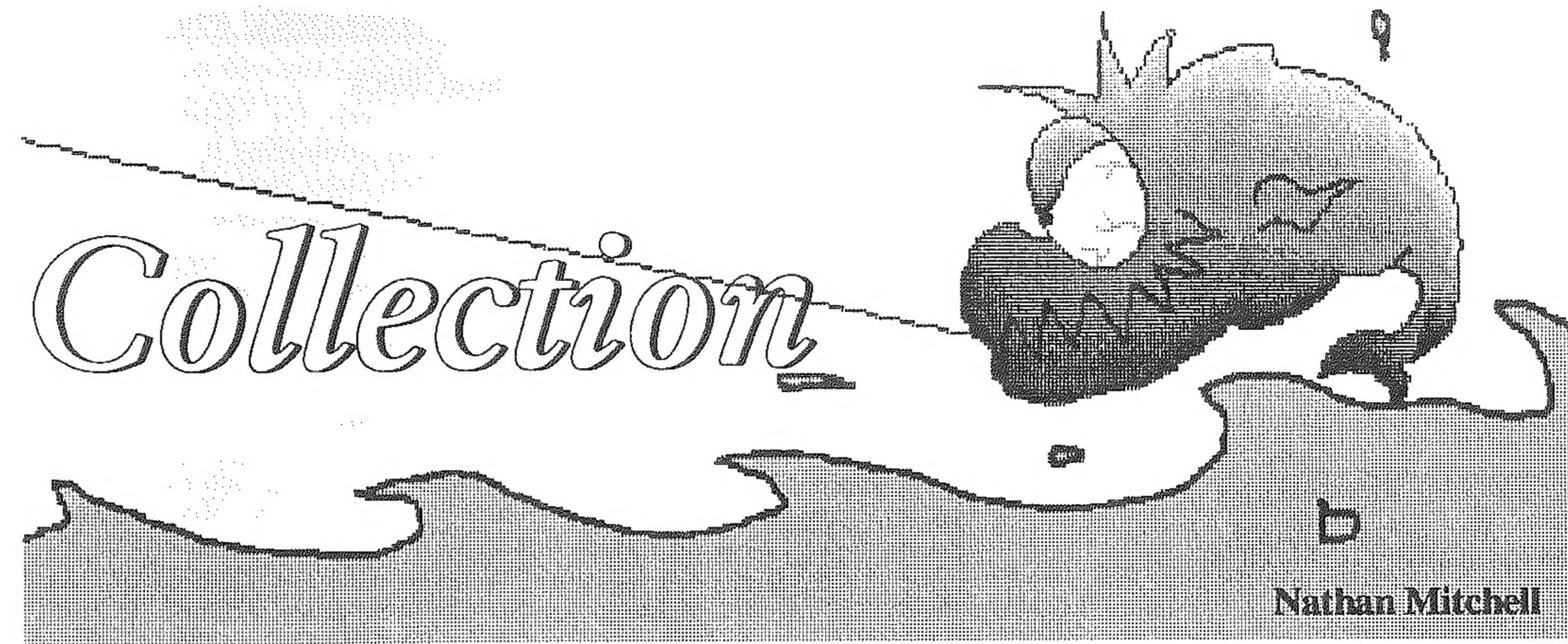
Converts a decimal value into a value represented by roman numbers. You can convert from decimal to roman or from roman to decimal. E.g. '1992' equals 'MCMXCII'. Version 1.10, freeware, binary only.  
Author: Chris Vandierendonck

### ScrnTst

A program to reveal small irregularities in the beam sweep of computer monitors. Uses the MOIRE effect to render such defects more readily observable. A short program which should be compatible with OS 1.3 as well as release 2.0. Version 2.0, binary only.  
Author: William Barish

### SeePix

Based on Olaf Barthel's "LoadImage v1.11". SeePix is an IFF viewer/printer, featuring the ability to modify the colors of a pic for printing, allowing for truer colors in the printout (i.e. Blue prints Blue, not Purple), without modifying the pic itself. SeePix features an ARP interface, Iconization and the PathMaster File Selector. Manx AZTEC "C" Source included.  
Author: Hank Schafer



### Showgerb

A Gerber display program. Gerber plotfiles are generated by several CAD packages. This program will display them on an Amiga using 1.3 and probably 2.xx and 3.xx. Source is not included but can be requested from the Author. Includes several sample plotfiles. Version 1.00, binary only, shareware.  
Author: Paul Gill

### Timing

A program to clock the time between two events. You can use several names, enabling the timing of different events. Useful mainly in scripts though other uses are possible. Timing can give the elapsed time in ticks, seconds or in the normal hh:mm:ss format. Version 1.21, freeware, binary only.  
Author: Chris Vandierendonck

### UCD

A utility for changing the current directory. It scans a disk and builds a file containing information about the directory structure that makes it possible for UCD to change directory to any directory in the scanned volume by simply naming the directory without pathname information. UCD can keep track of the directory structure of multiple volumes. Now supports wildcards. Version 1.15, an update to version 1.0 on disk 734. Binary only, shareware.  
Author: Uffe Holst Christiansen

### YAPS

"Yet Another Public Screen Manager". Using YAPS, you can open Public Screens in ALL(!) Amiga-DisplayModes, even in the new A4000/A1200 Modes. Requires OS 2.04 (V37+), works even under OS 3.0 (V39+). Binary only.  
Author: Karlheinz Klingbeil (CEKASOFT)

## FISH DISK #786

### Hyper

Will lead you through documents that are written to be used with the legendary 'Am\*gaGu\*de' from Commodore. An AREXX port gives access to it from other applications. Requires OS 2.x. Version 1.15a, an update to version 1.00 on disk number 739. Shareware, binary only.  
Author: Bernd (Koessi) Koesling

### IconAuthorDemo

A replacement for IconEdit2.0. It can transform IFF images or brushes into resized 2-BitPlane brushes or icon files that match the WorkBench2.0 colors. Online help is available via 'Hyper'. Demo version limited to processing provided demo image only. Requires OS 2.x. Version 1.06, an update to version 1.00 on disk number 739. Shareware, binary only.  
Author: Bernd (Koessi) Koesling

### Macro

A small utility that records a sequence of keypresses that can be recalled at any time. Handy for "on the fly" recording because of its simplicity. (Doesn't need a window, doesn't use the functions keys, so it won't interfere with other uses of them, etc.) Version 1.0, includes source.  
Author: Piero Filippini

### RSM

An AREXX compatible serial port manager. Run your serial port from other programs! Version 1.42, C source included.  
Author: Ron M. Battle

### VirusZ

A virus detector that recognizes over 500 bootblocks (196 boot viruses) and over 70 file viruses. The filechecker can also decrunch files for testing. The memory checker removes all known viruses from memory without 'Guru Meditation' and checks memory for viruses regularly. VirusZ has easy to use intuitionized menus including keycuts for both beginners and experienced users. The totally new bootblock lab offers all important bootblock operations on one screen. VirusZ performs a self-test on every startup to prevent link virus infection. Written entirely in assembly language and operates with Kick-start 1.2/1.3, OS 2.0 and OS 3.0. Version 2.27, binary only, shareware.  
Author: Georg Hörmann

## FISH DISK #787

### AppISizer

An Applcon utility to size disks, directories or files. Gives the size in bytes, blocks and the total occupied. Requires KickStart 3.1.75 or higher. French and English documentation. Version 0.20, binary only.  
Author: Gérard Cornu

### GetSC

Gets the colourmap of a single specified or all available screens. The colour values are given in hexadecimal format. GetSC is also the perfect tool to compile a collection of colourmaps for use by the SetSC program. Version 2.00, shareware, binary only.  
Author: Chris Vandierendonck

### MakeInfo

A modified GNU makeinfo that allows you to easily create a AmigaGuide(R) hypertext file from a TexInfo .tex file. In addition to the usual plain ASCII file and a TeX .dvi files. This version fixes two nasty bugs: makeinfo working on 68030 machines only, and amiga.tex not handling correctly all foreign characters. Version 1.49b, includes source.  
Author: FSF, Amiga enhancements by Reinhard Spisser and Sebastiano Vigna

### RIVER

Many programs contain in their binary code an embedded version ID, which is used by the AmigaDOS command 'Version'. RIVER is not a replacement for this command, but rather an extension. RIVER enables you to add this embedded version ID as a comment, or to print it in a table where each field of the ID is clearly printed. Version 2.00, freeware, binary only.  
Author: Chris Vandierendonck

### Scale

Plays 1-4 simultaneous musical scales on the Amiga's 4 sound channels, using Rob Peck's AudioTools package. Six octave range, ascending/descending, multiple steps, several different speeds of playing simultaneous scales, overall tempo controller. Intuition interface. Includes source.  
Author: Dick Taylor

### SetSC

Allows you to change or remap the colours of a screen. SetSC gets the colourmap from a file by using the map's name, from the Workbench screen or directly from the command line. SetSC is very useful in scripts, where you can change the screen colours one or more times during script execution. Version 2.10, shareware, binary only.  
Author: Chris Vandierendonck

### Spartan

The sources to the Spartan PD scsi interface driver for Amiga 500 and Amiga 1000 originally by Paul Harker.

This is an enhanced version that includes a major bugfix and \* SCSI-Direct support. Versions 34.3 (generic) and 34.4 (true SCSI).  
Author: Several, see documentation

### Viewtek

A feature packed Picture/Animation Viewer. Shows most ILBM's (including 24-bit ILBM's), most Compuserve GIF format images, most JFIF format JPEG images and most ANIM Op-5 format animations, with support for different palettes for each frame. Supports SHAM, CTBL, and PCHG images, full support of ECS/AGA display modes (e.g. show 256 color GIF's directly, show 800x600 HAM animations, etc.). Supports viewing contents of clipboard. Iconifies to a Workbench Applcon. Includes a version written for GVP's Impact Vision 24, to support true 24-bit display. Version 1.02, requires Workbench 2.04+, binary only.  
Author: Thomas Krehbiel

### Yacht

The famous 5 dice game revised for the Amiga features continually updated onscreen scorepad which displays all possible scores after each roll. Another feature is the player controlled dice roll - hit the STOP ROLL gadget when you feel lucky! Version 1.1, binary only.  
Author: Richard Gallagher

## FISH DISK #788

### Cheats

Have an old game that you got frustrated with and put away? Get hopelessly lost in an adventure game maze? Get to level 218 of your favorite game when your cocker spaniel mistook your scrap of paper listing entry level codes for his favorite sock? Well there might be something in this huge list of game solutions, hints and tips that you can use!  
Author: Many! see individual listings.

### MatchPlay

A small CLI program that enables experimenting with AmigaDOS pattern matching. It's the best way to learn how to use and interpret those patterns. You give a pattern and a string as arguments and the program determines if the pattern would have matched the string. Requires OS2.x, version 1.00, binary only.  
Author: Chris Vandierendonck

### MouseAideDEMO

A DEMO version of a "Mouse" utility which has all the standard functions: Mouse Acceleration with threshold, window and screen manipulation by mouse and keyboard, mouse and screen blanking, SUN (auto-activation) mouse, user definable "hot key" command, Keyboard "String" macros, etc... But also has functions other "Mouse" programs do NOT, such as: Shell-Cycling, Key Clicking, KeyClosing, Multi-Icon-Select with Mouse, Middle Mouse Button Windowing, EZ-Date generation, Mouse Port switching, Workbench to the front function, Freezing Mouse & Keyboard of all input, etc... Now more 2.0x friendly than older versions, including the ability to function correctly in 'Super-HiRes' screen mode! Written in 100% assembly language for efficiency in size and CPU usage. Version v7.12a, an



# More Fish.....

update to version v5.02a on disk 711, Shareware, Binary only.  
Author: Thomas J. Czarniecki

## NPD

A little utility to convert NoisePacker 2.xx modules to Pro-Tracker format. Works on 1.3/2.0/3.0. Version 2.40, binary only.  
Author: Nils Corneliusen

## NTSC&PAL

Two small command line utilities to switch back and forth between NTSC and PAL display modes. Should work on any machine with a "Fatter Agnus" or better. Binary only.  
Author: Paul O'Flynn

## QC

A small CLI command that returns information about the current shell. Such as: the shell/cli process number, the prompt used, the current directory, the default stack size, the current FAILAT level, the DOS error that occurred with the last command run, the return code of last command, and more. Version 1.10, freeware, binary only.  
Author: Chris Vandierendonck

## FISH DISK #789

### MakeDMake

An automated DMake file generator. You give it the names of all the C-files used to produce your executable (except #include'd .c or .h files), and it will automatically scan them to find all dependencies, and produce a ready to use (in many cases) DMakeFile calling DCC with options you will need for normal compilation and linking. Version 0.15, includes source.  
Author: Piotr Obminski, from original code by Tim McGrath

### PongoDemo

Demo version of PONGO 1.1, a 3D dynamic modeling program that loads, animates and transforms 3D objects in many different ways. This demo version only supports the IFF ANIMS file format for animations, with the "Save Imagine object" feature disabled. Supports the following types of morphing: Transcale, Taper, Shear, Rotate, Twist, Bend, Waves, Radial Bend and Metamorph. All transformations may be combined (i.e. you might both Twist and Shear an object at the same time). Requires 1 MB ram, and a PAL Amiga (does NOT run on NTSC computers).  
Author: Guido Quaroni, submitted by AMIGABYTE

### QMouse

An unusually small and feature-packed "mouse utility". Was inspired by, but not derived from, the original QMouse by Lyman Epp. Features include automatic window activation (like WindX), top-line blanking for A3000/A2320 users, system-friendly mouse blanking, mouse acceleration/threshold, "Pop-CLI", click-to-front/back, "SunMouse", "NoClick", "WildStar", Northgate key remapping,

and more. Requires Kickstart 2.0, but is not a commodity. Only 3K. Vers. 2.21, an update to version 2.20 on disk #731. Public domain, assembly source included.  
Author: Dan Babcock

## FISH DISK #790

### UChess

A powerful version of the program GnuChess version 4 for the Amiga. Plays a very strong game of chess. Code has been rewritten and data structures reorganized for optimal efficiency on 32 bit 68020 and better Amiga systems. Fully multitasking, automatically detects and supports 640X480X256 color AGA mode machines, and does not at any time BUSY wait. Requires a 68020 /030/040 based Amiga with AmigaOS 2.04 or later and 4 Meg of ram minimum. Special "L" version optimized for 68040 and requires 10 Meg of ram minimum. Supports a variety of standard features such as load, save, edit board, autoplay, swap sides, force move, undo, time limits, hints, show thinking, and a supervisor mode that allows two humans to play with the computer acting as a "supervisor". Version 2.04, includes source.  
Author: FSF, Amiga Port by Roger Uzun

## FISH DISK #791

### HSV

A small color palette utility that contains both RGB and HSV sliders for adjusting your screens colors. If the screen has 4 bitplanes or less, you can also save the palette to 'ENVARC:palette.prefs'. Requires AmigaOS2.xx, version 0.99, includes source.  
Author: Frank Ederveen

### RADBack

A shareware utility that can make a backup of a RAD disk to a normal 880K Amiga disk, regardless of its length - bigger RADs are saved on more disks. Can be started from the Workbench as well as from CLI. Version 1.0, binary only.  
Author: Sandi Tomsic

### Replex

REPLace EXecutable. This handy patch substitutes program names that are about to be executed, e.g. if an icon default tool specifies ":c:MuchMore" and you prefer to use "c:TextRead", you can have it defined as such, so you never have to change the icon. Intuition interface allows up to 8 such definitions. Compatible with all known OS versions. Version 1.0, binary only.  
Author: Ekke Verheul

### ScsiTape

A Scsi-Direct tape handler that implements fully asynchronous double-buffered read and write operations. If you have disk / tape drives which support reselection then the handler will be able to operate on the tape concurrently with disk accesses meaning that an

archiver such as Tar will not 'freeze' while tape operations are in progress. Includes source.

Author: Matthew Dillon

### SKsh

A Unix ksh like shell for the Amiga. Some of its features include command substitution, shell functions, aliases, local variables, emacs and vi style editing, I/O redirection, pipes, Unix wildcards, a large variety of commands, and coexistence with scripts from other shells. Well documented. Version 2.1, an update to version 2.0 on disk 672. New features in version 2.1 include true piping between internal and external commands, background functions, aliases, and other shell constructs, enforcer clean, several new commands, cross filesystem file and directory moves, and more. Binary only. Requires Amiga Dos 2.04.  
Author: Steve Koren

## FISH DISK #792

### AmigaBase

A hierarchical, programmable, in-core database. Features include two display methods, filter datasets, search datasets, print datasets, and many more. Nearly everything can be realized by programming AmigaBase. Datatypes can be Integer, Real, Boolean, String, Memo (Text), Date and Time. Number of data-sets is only limited by available memory. Lacking documentation, (available with shareware submission) but full Intuition interface make many operations quite obvious. Also includes some example projects. Runs under OS 1.3 and 2.0, shareware, binary only.  
Author: Steffen Gutmann

### DragIt

Allows you to move or size a window without having to use the drag bar or sizing gadget. Press on the configurable qualifier, while holding it, press your selected mouse button, and move the mouse. You'll see the window border appear, and you'll be able to drag or size it. Requires OS 2.0, supports localization with locale.library and the new style 2.1 (or 3.0) preference. Version 2.01, binary only.  
Author: Steve Lemieux

### ModHPLJD

A Rexx program that creates a modified version of the HP\_Laser Jet driver. The modification changes the 'initialize' string so that a font chosen from the printer menu (rather than 12pt Courier) can be used and number of lines per inch can be specified. Version 1.01.  
Author: Michael Tanzer

### TClass

An "Intelligent" file identifier. Has the ability to "learn" new types of files by scanning groups of known types of files, and checking the first 20 bytes for similarities. It then reports on the matching accuracy and adds a "definition" for the filetype to a brain file. Version 2.9, binary only.  
Author: Sam Hulick

### WBPat

Creates random 3D patterns for your 2.04 WorkBench windows. A pattern can be shifted or changed, tested, used and saved. Version 1.0, includes source in C.  
Author: Ekke Verheul

## FISH DISK #793

### DateCheck

A Rexx program that validates the system date by comparing it to the date stored when DateCheck was last executed. If the system date is earlier or too much later than the stored date, the user is notified by a requester. Version 1.01.

Author: Michael Tanzer

### ReflexFinal

A game which tests your addition, subtraction, division, multiplication, percentage, and algebra skills. The goal is to answer several math questions in the shortest possible time. A continuation to "ReflexTest" on disk #751. Binary only.  
Author: Jason Lowe

### Snap

A tool for clipping text or graphics from the screen, using the clipboard device. Snap finds out character coordinates automatically, handles different fonts, keymaps, accented characters, and more. Version 1.63, contains a small bug fix to version 1.62 on disk number 524. Includes source.  
Author: Mikael Karlsson

### SOUNDEffect

Sound sample editing program. Special features include: temporary buffers, frequency and amplitude modulation (tremolo and vibrato), echo, special reverb effect, chorus effect, mixer, free hand editing, low and high pass filter, compressor, expander, limiter, distortion and all usual functions (copy, paste, insert, cut, looping, zooming etc.). Version 1.30, shareware, binary only.  
Author: Sven B'hling

## FISH DISK #794

### MCAnim

A special animator. Plays LORES 4-plane ANIMS anims in a HIRES-LACE screen. The result is a FULLspeed, small (1/4) animation with a high resolution. The anim can be placed anywhere on the screen. One of nine copperlists can be added in one register without loss of speed. Version 0.8, binary only.  
Author: Ekke Verheul

### ReqTools

A standard Amiga shared runtime library which makes it a lot quicker and easier to build standard requesters into your programs. Designed with CBM's style guidelines in mind, so that the resulting requesters have the look and feel of AmigaDOS 2.0. Version 2.1a, lots of enhancements since release 1.0d on disk 623. Includes a demo and glue/demo sources.  
Author: Nico Francois

## FISH DISK #795

### PSTools

Part 1 of a 2 part distribution of DVIPS ported from a Unix environment. DVIPS is a program that converts TeX .DVI files to PostScript files. If you don't have access to a PostScript printer, you can still take advantage of the vast amount of useful documentation in TeX .dvi or PostScript .ps format using the excellent POST program from FF669. This portion of the distribution contains the DVIPS binary, source and config files; DVIPS docu-

mentation; the Adobe Font Metric Files, TeX vf font files and LaTeX files. Part 2 of the distribution can be found on disk #796. Includes DICE C-source.  
Author: Originally from DECUS, Amiga port by Jonathan Hudson

### UnDelete

Restores deleted files and (empty) directories with a fast deleted-file-find routine. It is often as fast as "delete". Works on all OFS and FFS disk devices, but from Shell only. Version 1.02, binary only.  
Author: Ekke Verheul

## FISH DISK #796

### PSTools

Part 2 of a two part distribution of DVIPS ported from a Unix environment. DVIPS is a program that takes TeX.DVI files and converts them to PostScript files. Part 1 of the distribution can be found on disk #795.  
Author: Originally from DECUS, Amiga port by Jonathan Hudson

## FISH DISK #797

### A2ps

Another "oldie but goodie" I found poking around the net. This seemed an appropriate place to put it. A2Ps formats an ascii file for printing on a postscript printer, adds borders, headers etc. Lots of command line options. Includes source.  
Author: Miguel Santana, Amiga port by Daniel Barrett

### BBBF

The Bootblock.library/brainfile is an attempt to make life a little bit easier for programmers of anti-virus utilities, diskcopy programs, directory utilities, disk packers and for whoever wants to check the bootblock of some device. The library has some easy-to-use functions to read the brainfile, and to check a bootblock with it. Version 0.95 beta, brainfile recognizes 158 different viruses. Includes sample source.  
Author: Johan Eliasson, SHI member.

### BIGMec

A shareware utility that displays the current available amount of memory, the memory available when BIGMec was started and the difference between those. The amounts can be displayed in HEX/ DEC and BYTE/KILO/MEGA. BIGMec can be started from Workbench as well as from CLI. Version 1.0, binary only.  
Author: Sandi Tomsic

### DVI2LJ

A cli utility to convert TeX .DVI files into HP PCL files suitable for printing on the HP Laser Jet series printers.  
Author: Gustaf Neumann, Amiga port by Daniel Barrett

### HP3ps

An intuitionized utility for changing modes on a Pacific Page Postscript Emulation cartridge. Allows you to select HP-PCL or POSTSCRIPT mode by simply clicking on a gadget. Version 92.02.09, binary only.  
Author: Scott DThomas Trenn

### PSUtils

Some cli utilities for the manipulation of PostScript files. Includes: psbook -

rearranges pages into signatures; psnp - uses pstops to merge multiple pages per sheet; psselect - selects pages and page ranges; pstops - performs general page rearrangement and selection; and epsffit - fits an EPSF file to a given bounding box. Includes source.

Author: Angus Duggan, Amiga port by Jonathan Hudson

### Spots

A useless but pretty 24-bit-RGB and HAM spot-paint-program. Handles scripts to render animations. It needs arp.library or WorkBench 2.0. Check out the examples to see if you like the effect. Version 1.10, binary only.  
Author: Ekke Verheul

## FISH DISK #798

### AddressitDEMO

Demo version of a very powerful small business and personal mail manager that includes many extras. You can define up to 15 flags, export data to ProWrite and Wordperfect, and print rosters, mailing lists, labels, envelopes plus a whole lot more. Works with 1.2/1.3 and 2.0.

Author: Legendary Design Technologies Inc.

### ASwarmII

A "high security" Screenblinker commodity (will not burn-in the phosphor even when the CPU is really busy). Based loosely upon Jeff Butterworth's "xswarm" for X11 Windowing System, it shows from 1-10 "wasps" being chased by 1-500 "bees". Screen will blank entirely under periods of high CPU usage. Requires Amiga OS 2.04 or better, version 1.3, includes source.  
Author: Markus Illenseer

### I!2.0

A CLI/Shell command, which decides whether your Amiga is running OS v2.x or OS v1.x - and then executes a corresponding command line/argument. Especially useful for zKick-using Amigas. Version 1.2, includes C-Source.  
Author: Thomas Amfeldt

### LockIt

A simple commodity to protect files or drawers from any access. Uses a WorkBench AppIcon and allows selection of files via ASLRequester. Requires OS2.0. Version 2.1, binary only.  
Author: Andreas Linnemann

### NewMode

A tool for changing the screenmode of any screen by manipulating the Open Screen pointer. Includes new "ModeNames" file for the screenmodes (like HAM...). Requires OS2.0. Version 1.1. Binary only.  
Author: Andreas Linnemann

### Prism

An ANSI editor that allows animations and complete colour control. It is used on many BBS's to create animated screens. Includes a configuration editor, font control, and variable playback speed. New features include automatic line and box drawing, and a special "Quick Pick" option for accessing extend characters codes. Version 1.5, an update to version 1.4 on disk #581. Binary only.

Authors: Syd Bolton, Chris Timmerberg, and Colin Vernon.

## Run68017

Provides run time emulation of about 30 of the 68020 instructions with a 68000. Only the emulated instructions can use the new 68020 addressing modes. Uses a gadget to enable/disable emulation. An upgrade from Run68013 on disk #756. Includes source in assembly.

Author: Kamran Karimi

### Split

The opposite of the AmigaDos JOIN command. Use it to split textfiles that are too large to edit on your computer, files for email-delivery that have a file size maximum... etc. The created files have the same name as the original except with an extension of two digits. Version 1.0, binary only.  
Author: Jonas Svensson

### StripANSI

Removes all ANSI codes from a text file so that only the bare text remains. It is useful for editing terminal program capture buffers. Two versions are provided: one for the command line (CLI) and one with a full Intuition interface. You can selectively strip certain codes, and generate a report. New features include more codes, better help, and tab expansion. Version 1.2, an update to version 1.0 on disk #581, includes source in 'C'.  
Author: Syd L. Bolton

## FISH DISK #799

### AI

"Archiving Intuition Interface" allows you to access many features of the LHa archiver via the WorkBench. Requires reqtools.library. Version 1.03, first release. Requires KickStart 2.0 or higher. ShareWare, binary only.  
Author: Paul McLachlan.

### HackLite

An evolved version of the public domain game Hack, written by Jay Fenlason, Andries Brouwer, Don Kneller and various others. Hack Lite is a dungeon adventure game in the style of Rogue, Hack, Moria, etc. It uses a customizable graphical dungeon display. The package includes a simple-to-use installation program, and a "Preferences"-style configuration editor. Many new objects, traps, monsters and ways to die have been added. Saved games are now much smaller, and a "Tournament mode" allows several players to compete for the highest score playing in identical dungeons. Utilities included with Hack Lite were written by Jim Cooper and Doug Walker.  
Author: Alan Beale

## FISH DISK #800

### ColorSaver

A "pop-up-anywhere" (almost!) color palette commodity with several features I could not find in other palette tools. Features include: Load/Save color palettes; Sliders select-able between RGB/HSV; Copy, Swap, Range Functions; Complement selected color; Left/right shifting of the entire palette; Ability to permanently alter (patch) the color tables of executables with a statically allocated color table. Requires OS2.04 or greater. Version 0.84 (alpha release), includes source.  
Author: Dan Fish

## DocDump

A print utility that puts 4 pages of text on one sheet of paper, including page-headers. Beside the normal Dump mode, a double-sided Booklet mode is also available. DocDump uses its own printer drivers, making one yourself is easy. Version 3.6, binary only, shareware.

Author: Robert Grob

## Enforcer

A tool to monitor illegal memory access for 68020/68851, 68030, and 68040 CPUs. This is a completely new Enforcer from the original idea by Bryce Nesbitt. It contains many new and wonderful features and options and no longer contains any exceptions for specific software. Enforcer can now also be used with CPU or SetCPU FASTROM or most any other MMU-Kick- start-Mapping tool. Major new output options such as local output, stdout, and parallel port. Highly optimized to be as fast as possible. This is version 37.28, an update to version 37.26 on disk #773. Requires V37 of the OS or better and an MMU.  
Author: Michael Sinz

## IffBoot

Inspired from BOOTLOGO by Markus Illenseer, allows you to show any IFF file during bootup that will exit when the WB appears. Version 1.0, requires OS 2.04 or greater, binary only, includes some sample pictures.  
Author: Colin Bell, some IFF pics by Justin Trevena

## Least

A small, handsome, text displayer that only supports those functions most frequently used. String searching is performed with the very fast Boyer-Moore algorithm. Also checks itself for link viruses. Runs from both WorkBench and CLI. Separate version - LeastP - also deals with powerpacked files. Has been tested under both Kickstart 1.3 and 2.0. Version 0.04, binary only.  
Author: Thorsten Koschinski

## Moontool

A port of John Walker's moontool program for UNIX. It gives a variety of statistics about the moon, including phase, distance, angular, size and time to next full moon. A schematic of the current phase is also shown as a picture. This is illustrative only; the accurate phase is shown in the text. Version 1.0, binary only.  
Author: John Walker, Amiga port by Eric G. Suchanek

## MungWall

Munges memory and watches for illegal FreeMem's. Especially useful in combination with Enforcer. Output can go to either the serial or parallel port. Includes a new MungList program that examines used memory areas for MungWall tag info, and outputs a list of who owns the various pieces of allocated memory, their sizes, etc. Can even identify the owner of the memory by task name. This is version 37.58, an update to version 37.54 on disk #707. Binary only.

Author: Commodore Amiga; submitted by Carolyn Scheppner



# AMIGA Calendar

Tuesday	Mar 16	Art SIG Meeting
Sunday	Mar 21	Holmesglen Meeting
Monday	Mar 22	NWAUG Meeting
Sunday	Mar 28	Amiga Expo 93 Malvern Town Hall
Friday	Apr 2	Deadline for Copy, May <b>Workbench</b>
Monday	Apr 5	NWAUG Meeting
Tuesday	Apr 13	SEAUG Meeting
Sunday	Apr 18	Holmesglen Meeting
Monday	Apr 19	NWAUG Meeting
Tuesday	Apr 20	Art SIG Meeting
Monday	May 3	NWAUG Meeting
Tuesday	May 11	SEAUG Meeting

Holmesglen AUG meetings are held on the the third Sunday of each month at 2.00 p.m. Doors open at 1.00 p.m. The venue is the Conference centre at Holmesglen T.A.F.E. College on the corner of Warrigal Road and Batesford Road, Holmesglen (Melways Map 69 reference F1).

North West AUG meetings are held every second Monday from 7.30 p.m. on the first floor of the Essendon community Centre, corner of Mt. Alexander Road and Pascoe Vale Road, Essendon (Melways Map 28 reference J7).

South East AUG meetings are held on the 2nd Tuesday of each month from 7.00 p.m. in the Cheltenham Hall, corner of Nepean Highway and Charman Road, Cheltenham (Melways Map 86 reference H1).

Art SIG meetings are held on the 3rd Tuesday of each month (N.B. this is NOT always the Tuesday following the Holmesglen meeting!! The venue may vary, so check the Art SIG report in this issue for the location of the next meeting).

If you are arranging (or know of any) forthcoming meetings, demonstrations, lectures or other events that would interest readers, please let us have the details so that we can publicise them here. Country members unable to attend Metropolitan meetings are encouraged to use this calendar for local events.

## Amiga Central BBS New Telephone numbers

Many of you will be aware that Amiga Central BBS has recently been shut down and re-located. It is once again in operation but at NEW NUMBERS....

Line 1 at speeds up to 2400 bps = **499 2798**  
(Please try this number first if your modem is set to 2400 bps or less.)

Line 2 for 9600 bps (and above ?) = **499 4908**  
(This number is 2 lines in rotary and will operate at 2400 bps and below if the other line is busy)

Thank your for you patience while this re-location took place.

## Amiga Expo 93 Melbourne

March 28th  
10am-6pm

## Malvern Town Hall

Cnr. High St. & Glenferrie Rd.  
Malvern

### SEE...

The new generation Amigas, Desktop Video and Desktop Publishing. New software and hardware from Commodore, GVP, OpalTech, Scala, CCS, Macrosystems and more..

Melbournes leading Amiga dealers will be there to tempt you with bargains.

Admission: Adults \$5  
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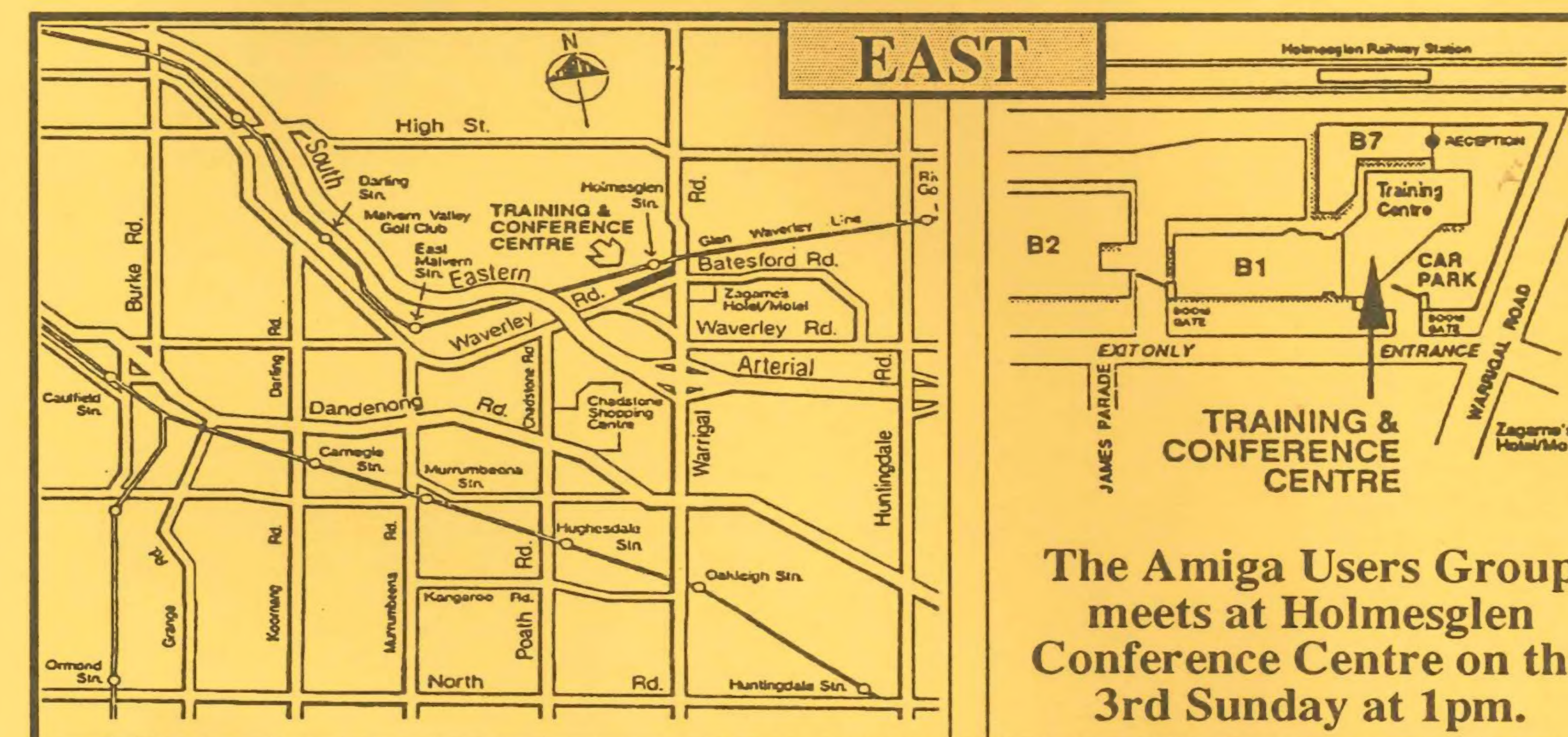
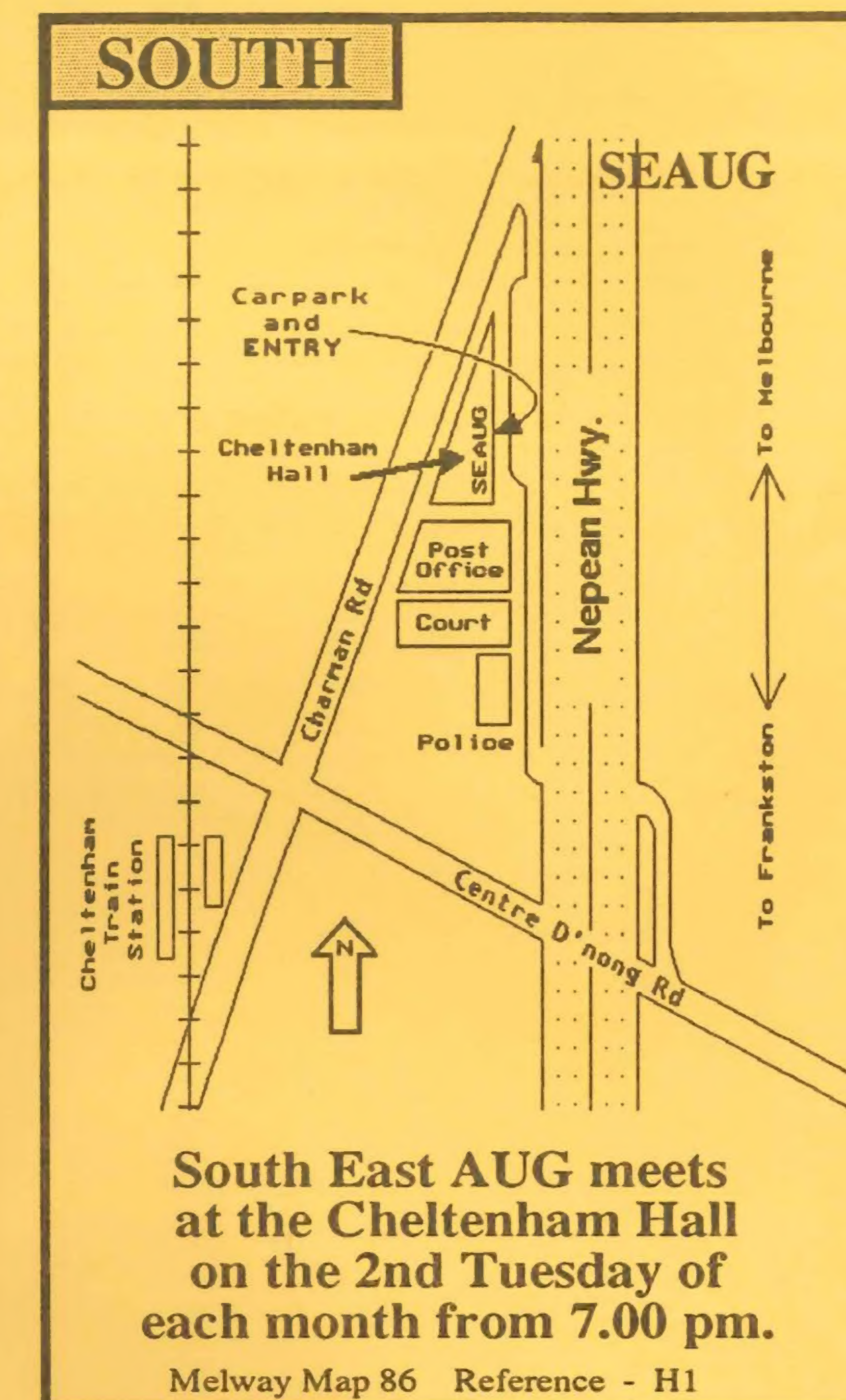
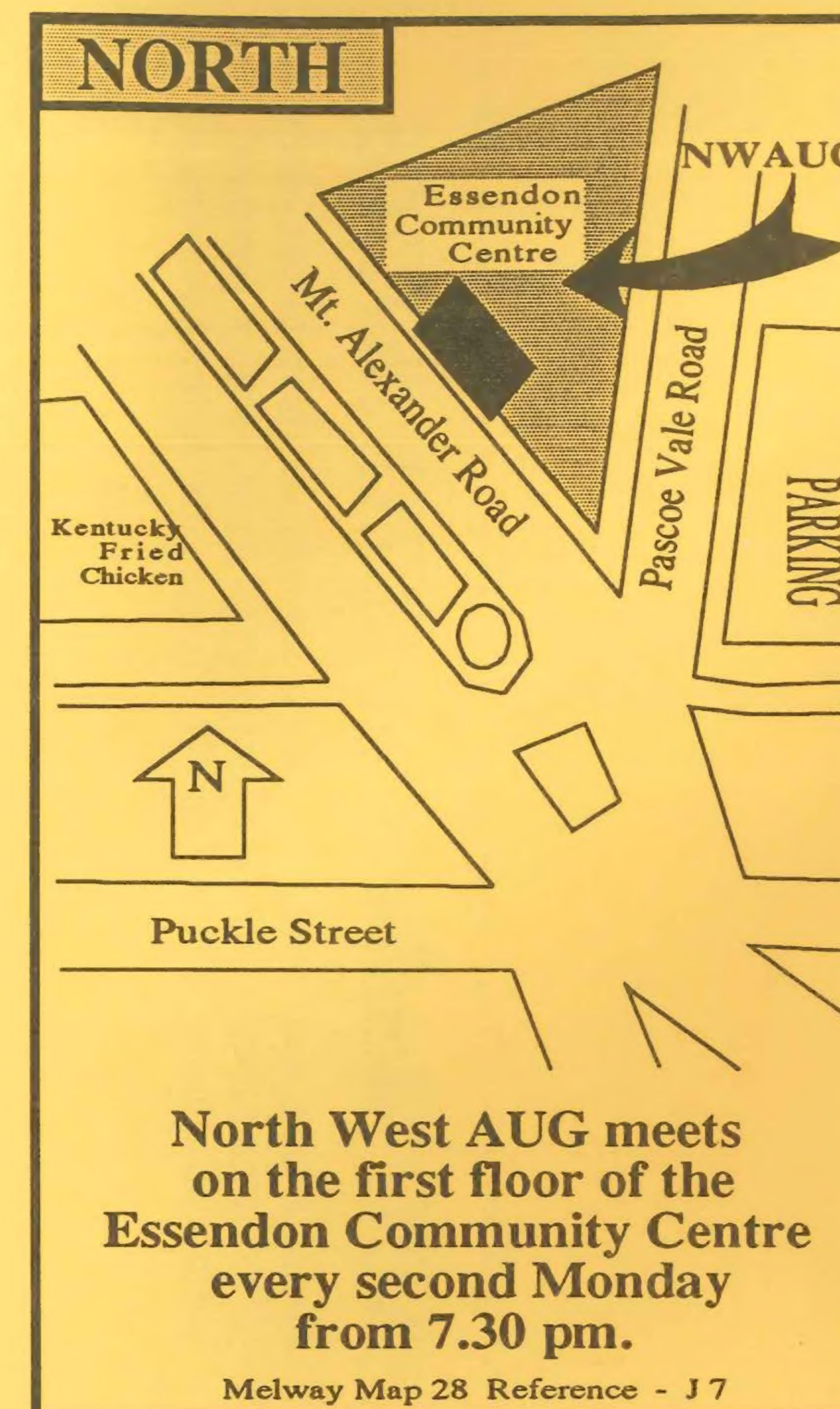
Sponsored by Commodore and Power Peripherals.

## Membership Survey - Deadline extended

The response so far to our membership survey has been excellent. Many members have returned survey forms with very useful information and comments. Due to our desire to gather as much information as possible I have extended the deadline to April 1st 1993. So if you have not yet taken advantage of an opportunity to comment and help AUG plan its future please do so now and send in your completed survey form.

We want to hear from you.

Ward Horsfall.





# AMIGA Workbench

Print Post Approved, Publication Number PP349018/0016

If Undeliverable, return to  
Amiga Users Group, Inc  
P.O. Box 684E Melbourne, 3001  
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## AUG Members *SPECIAL NOTICE*

Please check your membership expiry date on the address label.  
If your membership is due for renewal soon, prompt payment  
would be appreciated. A renewal form is inside the back cover.

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